

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071209.D
 Acq On : 08 Dec 2021 16:54
 Operator : VA/SY
 Sample : M4966-12
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P10-11

Quant Time: Dec 09 10:17:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

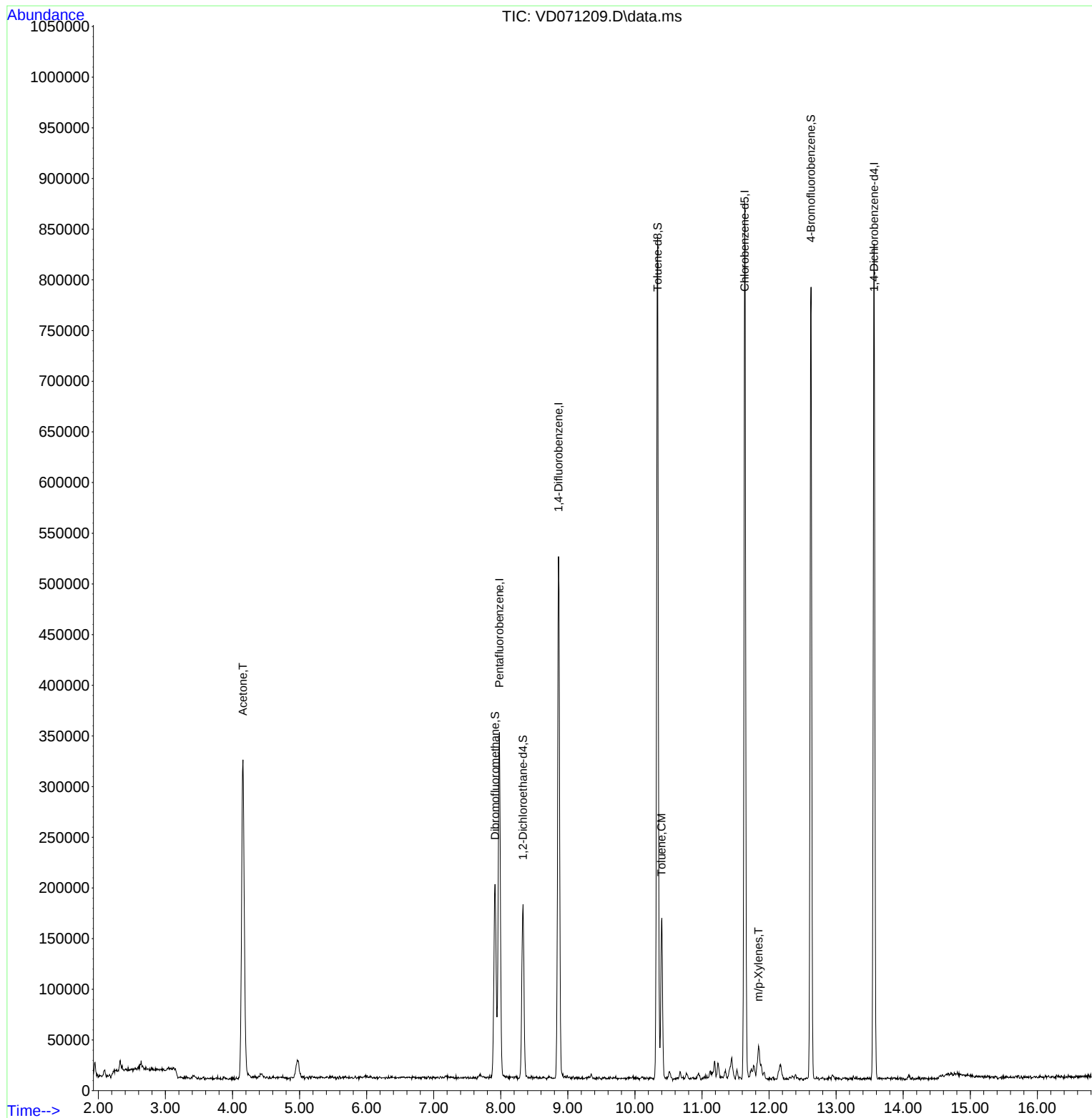
Internal Standards						
1) Pentafluorobenzene	7.979	168	235178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	410686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	446737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	199994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138024	50.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.914	113	132148	50.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.338	98	532695	53.525	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.626	95	213176	61.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.580%	
Target Compounds						Qvalue
16) Acetone	4.156	43	566552	708.727	ug/l #	86
52) Toluene	10.396	92	61674	9.323	ug/l	97
68) m/p-Xylenes	11.843	106	6019	1.022	ug/l	93

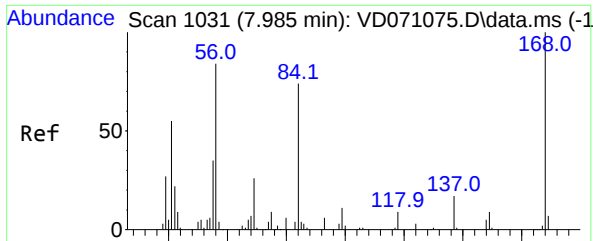
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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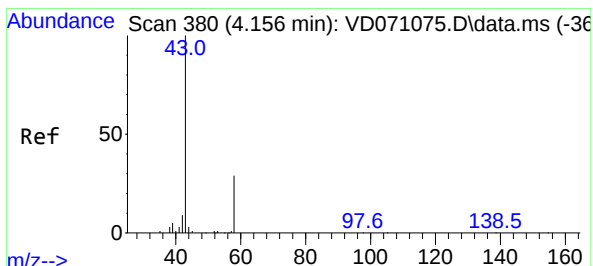
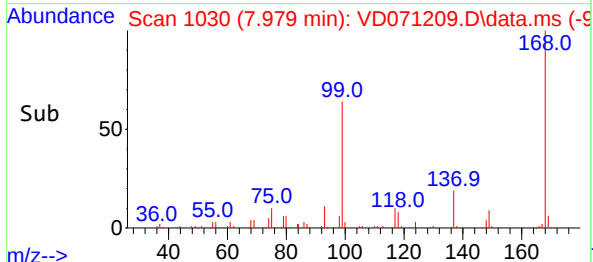
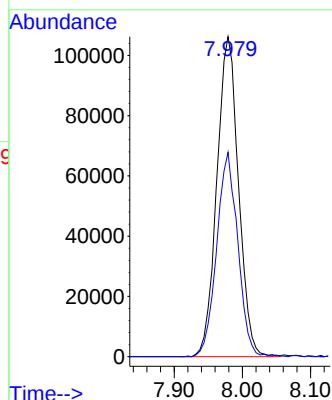
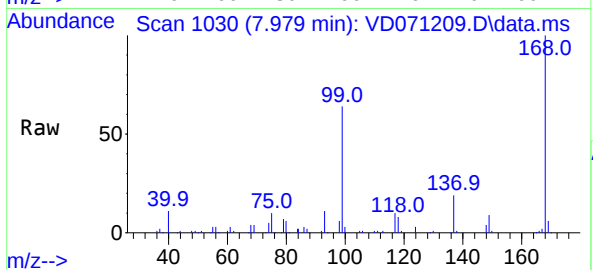




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

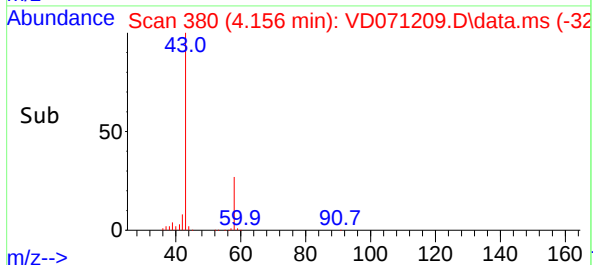
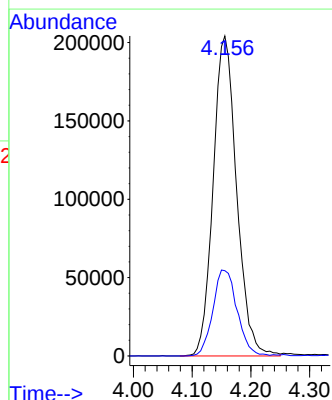
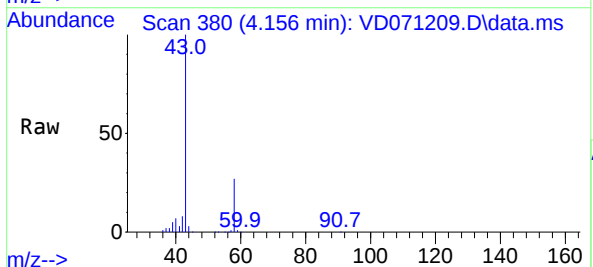
Instrument :
MSVOA_D
ClientSampleId :
P10-11

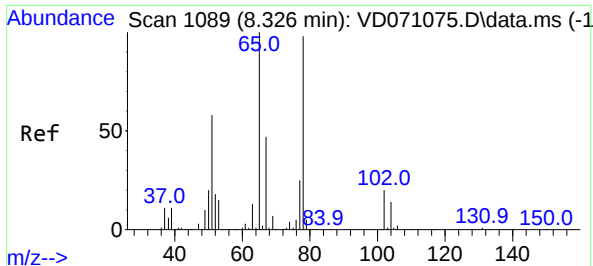
Tgt Ion:168 Resp: 235178
Ion Ratio Lower Upper
168 100
99 63.9 46.6 69.8



#16
Acetone
Concen: 708.727 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

Tgt Ion: 43 Resp: 566552
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071209.D

Acq: 08 Dec 2021 16:54

Instrument :

MSVOA_D

ClientSampleId :

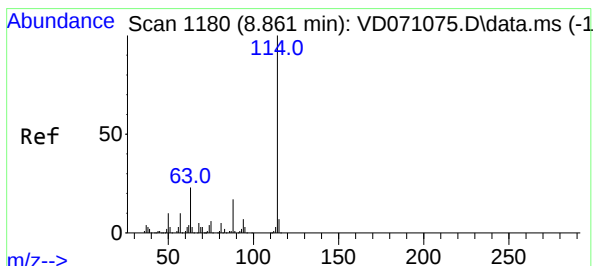
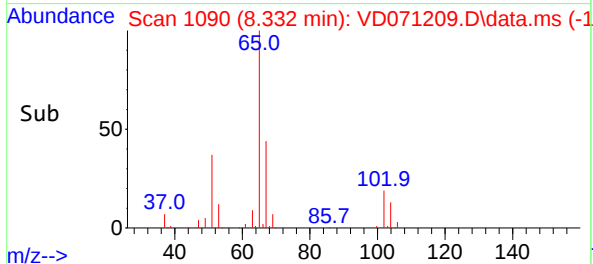
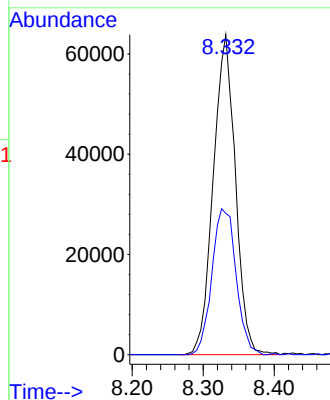
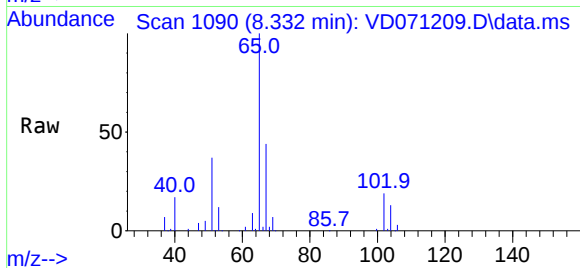
P10-11

Tgt Ion: 65 Resp: 138024

Ion Ratio Lower Upper

65 100

67 49.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071209.D

Acq: 08 Dec 2021 16:54

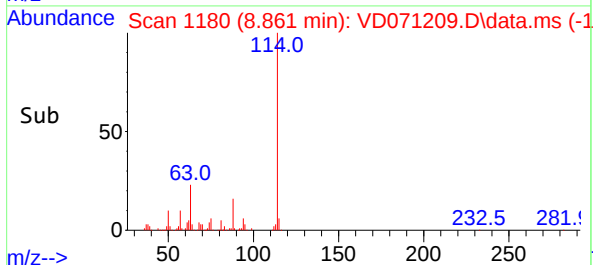
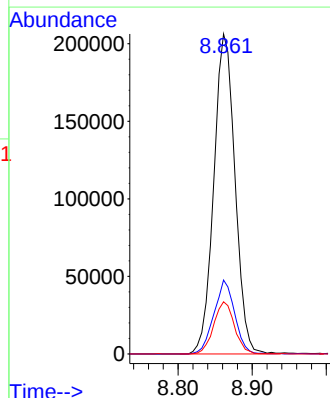
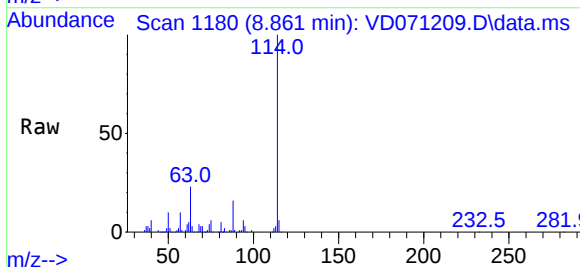
Tgt Ion: 114 Resp: 410686

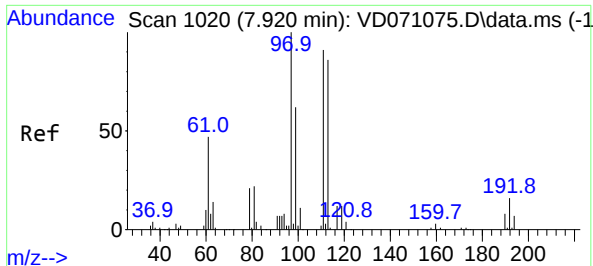
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.3 0.0 32.8

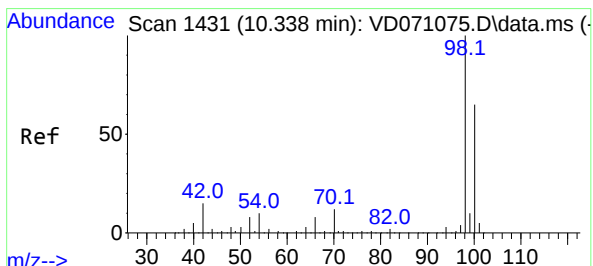
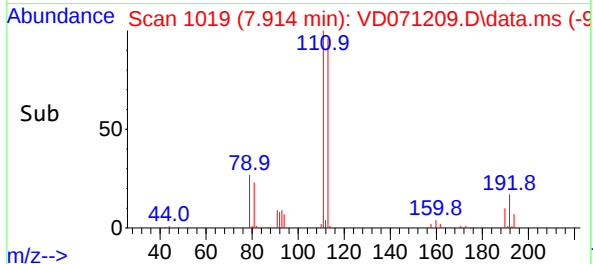
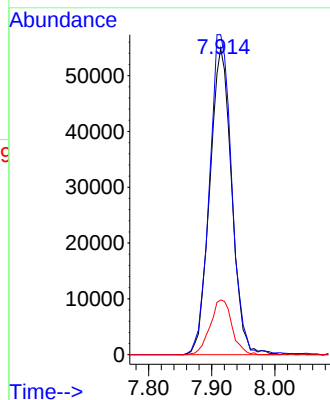
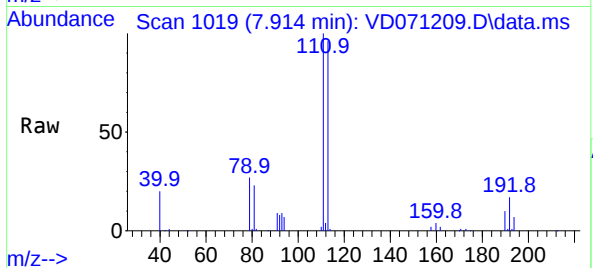




#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 7.914 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

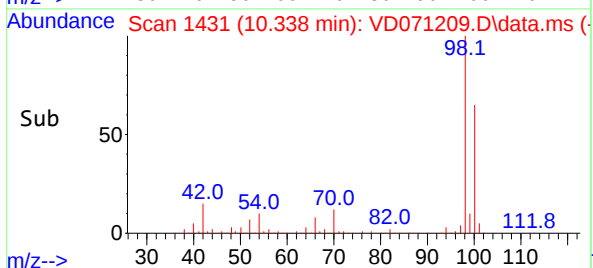
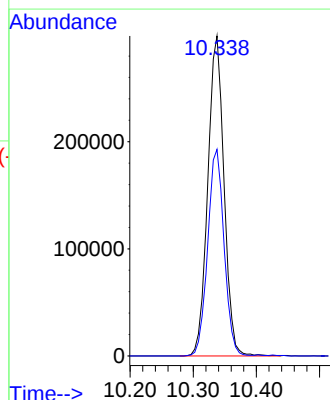
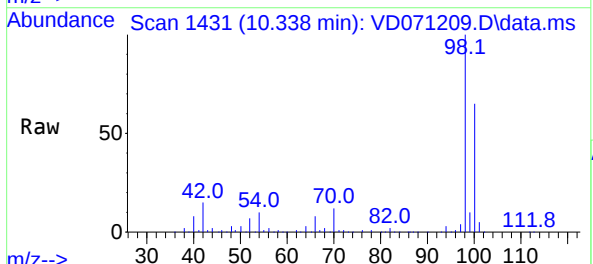
Instrument :
MSVOA_D
ClientSampleId :
P10-11

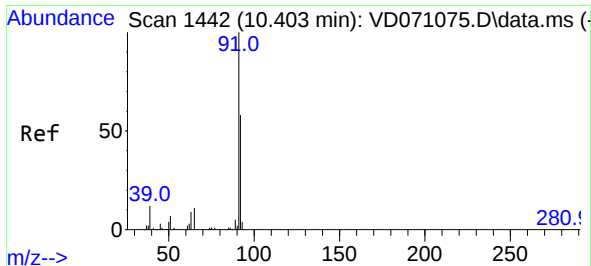
Tgt Ion:113 Resp: 132148
Ion Ratio Lower Upper
113 100
111 105.5 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 53.525 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

Tgt Ion: 98 Resp: 532695
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

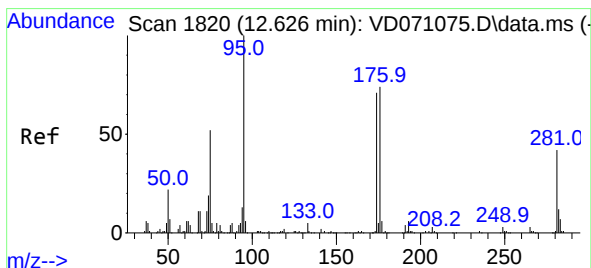
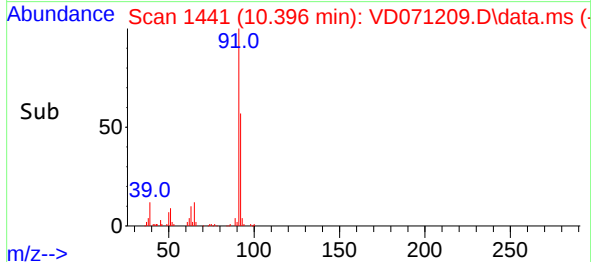
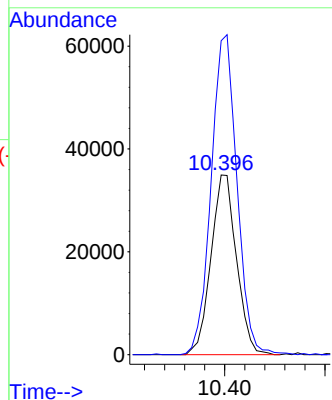
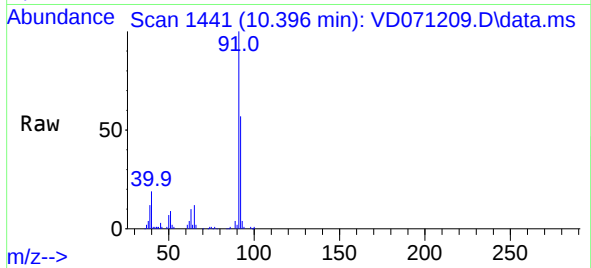




#52
Toluene
Concen: 9.323 ug/l
RT: 10.396 min Scan# 1442
Delta R.T. -0.007 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

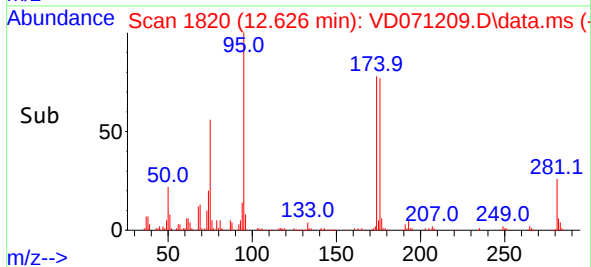
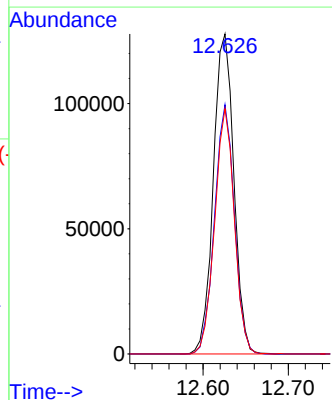
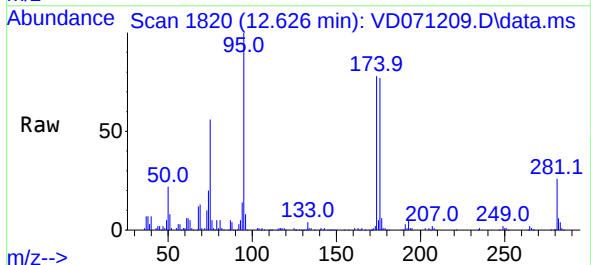
Instrument :
MSVOA_D
ClientSampleId :
P10-11

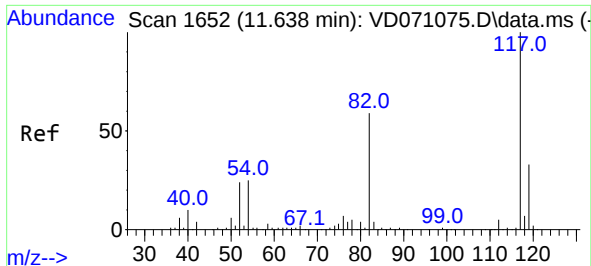
Tgt Ion: 92 Resp: 61674
Ion Ratio Lower Upper
92 100
91 180.2 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 61.794 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

Tgt Ion: 95 Resp: 213176
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.6 0.0 154.0

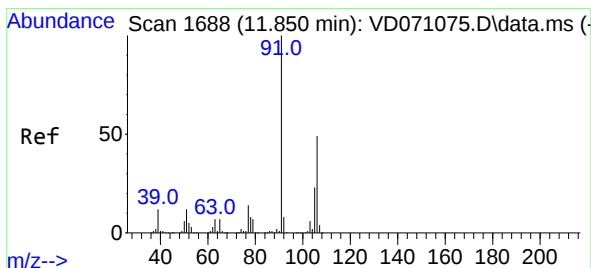
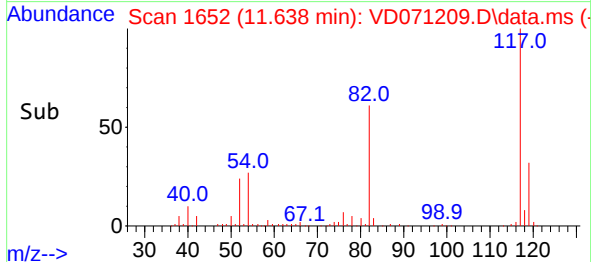
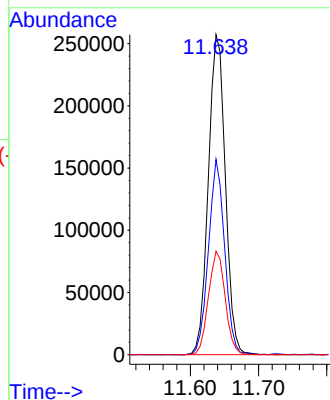
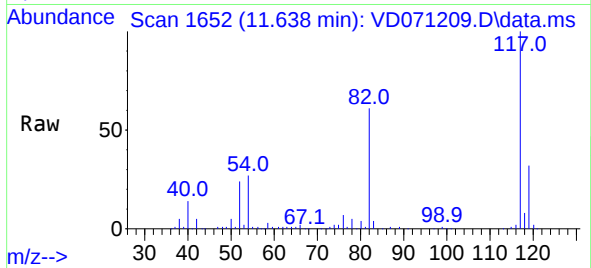




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

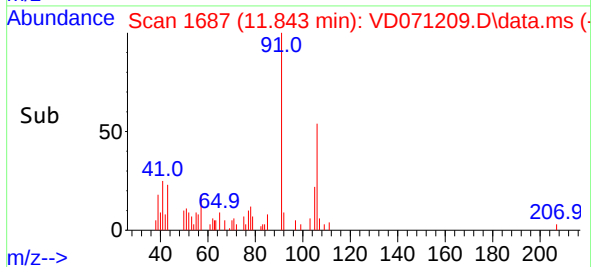
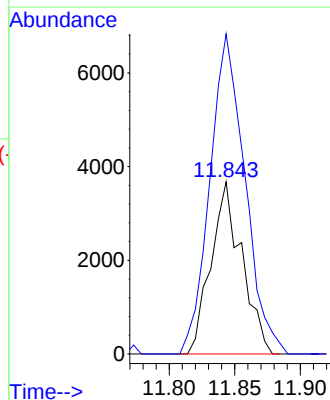
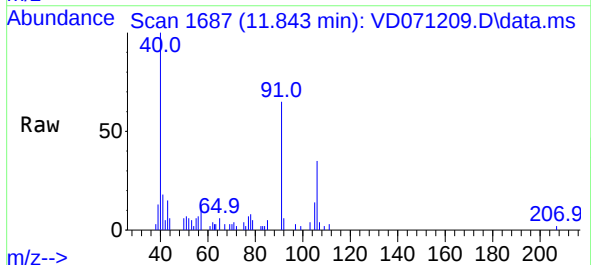
Instrument :
MSVOA_D
ClientSampleId :
P10-11

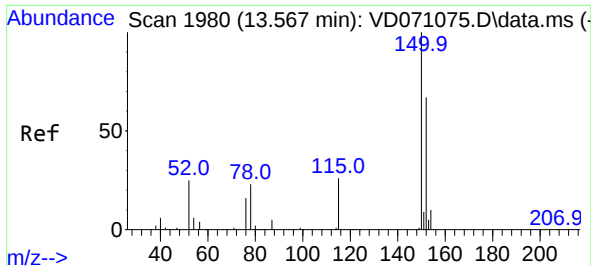
Tgt Ion:117 Resp: 446737
Ion Ratio Lower Upper
117 100
82 61.0 44.7 67.1
119 32.3 26.2 39.4



#68
m/p-Xylenes
Concen: 1.022 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.007 min
Lab File: VD071209.D
Acq: 08 Dec 2021 16:54

Tgt Ion:106 Resp: 6019
Ion Ratio Lower Upper
106 100
91 211.1 160.1 240.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 19

Delta R.T. -0.000 min

Lab File: VD071209.D

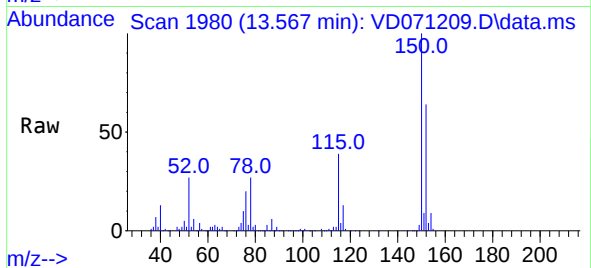
Acq: 08 Dec 2021 16:54

Instrument :

MSVOA_D

ClientSampleId :

P10-11



Tgt Ion:152 Resp: 199994

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

150 159.9 0.0 349.2

